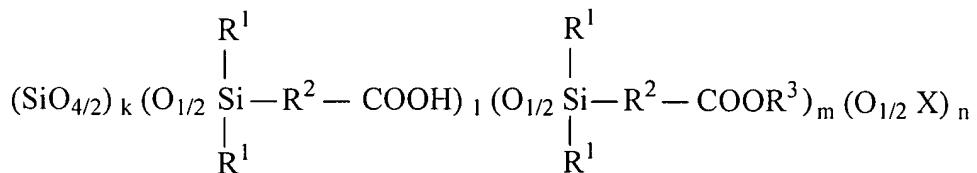


**AMENDMENTS TO THE CLAIMS:**

1. (Cancelled).

2. (Previously Presented) A silicon-containing polymer comprising the structure represented by formula 1 below as a main structural unit



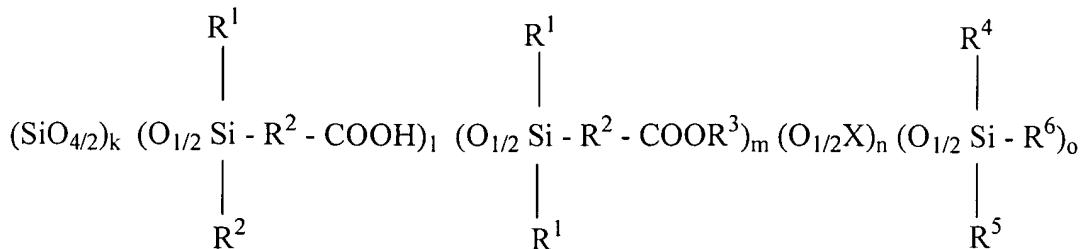
where  $\text{R}^1$  represents a monovalent organic group,  $\text{R}^2$  represents a direct bond or a divalent organic group,  $\text{R}^3$  represents a monovalent organic group or an organosilyl group, any of which groups may be of different types,  $\text{X}$  represents hydrogen, a monovalent organic group or an organosilyl group, which groups may be of different types,  $k$  and  $l$  are positive integers,  $m$  is 0 or a positive integer and  $n$  is a positive integer, and these subscripts satisfy the following relationship

$$0 < \frac{1}{1 + m + n} \leq 0.8 \quad 0 \leq \frac{m}{1 + m} < 0.2$$

wherein at least some of the  $\text{X}$  groups are triorganosilyl groups.

3. (Original) A silicon-containing polymer according to claim 2, wherein said triorganosilyl groups include photosensitive crosslinkable groups.

4. (Previously Presented) A silicon-containing polymer represented by formula 2 below,



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where  $\text{R}^1$  represents a monovalent organic group,

$\text{R}^2$  represents a direct bond or a divalent organic group,

$\text{R}^3$  represents a monovalent organic group or an organosilyl group, any of which groups may be of different types,

$\text{X}$  represents hydrogen, a monovalent organic group or an organosilyl group, which groups may be of different types, wherein at least some of the  $\text{X}$  groups are triorganosilyl groups containing a photosensitive crosslinkable group and wherein the photosensitive crosslinkable group is chloromethylphenylethyl,

$\text{R}^4$ ,  $\text{R}^5$  and  $\text{R}^6$  each independently represent a monovalent organic group, at least one of  $\text{R}^4$ ,  $\text{R}^5$  and  $\text{R}^6$  being a monovalent organic group containing chloromethylphenylethyl, wherein  $\text{R}^4$ ,  $\text{R}^5$  and  $\text{R}^6$  may be one or more different types of organic groups,

$k$ ,  $l$  and  $o$  are positive integers,

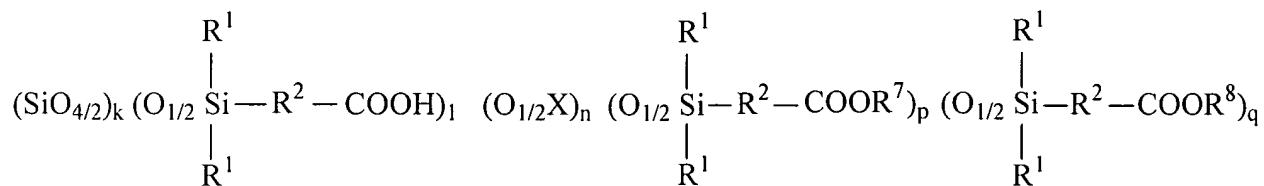
$m$  and  $n$  are 0 or positive integers, and

these subscripts satisfy the following relationships:

$$0 < \frac{o}{1 + m + n + o} \leq 0.8$$

$$0 < \frac{1}{1 + m + n} \leq 0.8 \quad 0 \leq \frac{m}{1 + m} < 0.2$$

5. (Currently Amended) A silicon-containing polymer comprising the structure represented by formula 3 below as a main structural unit



3

where  $\text{R}^1$  represents a monovalent organic group,  $\text{R}^2$  represents a direct bond or a divalent organic group,  $\text{R}^7$  and  $\text{R}^8$  are different from each other and each independently represent a monovalent organic group or an organosilyl group, any of which groups may be of different types,  $\text{X}$  represents hydrogen, a monovalent organic group or an organosilyl group, which groups may be of different types,  $k$  and  $q$  are positive integers,  $l$ ,  $n$ , and  $p$  are 0 or positive integers, and these subscripts satisfy the following relationship:

$$0 \leq \frac{1}{1+n+p+q} < 0.5 \quad 0.1 < \frac{q}{1+n+p+q} \leq 0.8$$

wherein  $R^8$  is a functional group that is eliminated by an acid catalyst.

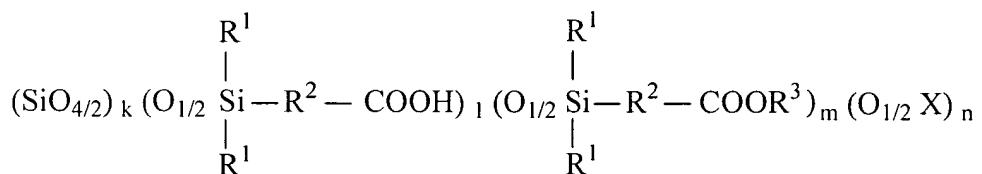
6. (Original) A silicon-containing polymer according to claim 5, wherein at least some of the X groups are triorganosilyl groups.

7. (Cancelled)

8. (Currently Amended) A silicon-containing polymer copolymer according to any one of claims 2 to 6 [[7]], where  $R^2$  is  $-(CH_2)_a-$  and a is an integer of 1-10.

9 - 17 (Cancelled).

18. (Previously Presented) A silicon-containing polymer comprising the structure represented by formula 1 below as a main structural unit



1

where  $R^1$  represents a monovalent organic group,  $R^2$  represents a direct bond or a divalent organic group,  $R^3$  represents a monovalent organic group or an organosilyl group, any of which groups may be of different types, X represents hydrogen, a

monovalent organic group or an organosilyl group, which groups may be of different types, k and l are positive integers, m is a positive integer, and n is 0 or a positive integer, and these subscripts satisfy the following relationship:  $0 < l/(l+m+n) \leq 0.8$  and  $0 < m/(l+m) < 0.2$ .

19. (Previously Presented) A silicon-containing polymer according to claim 18, wherein at least some of the X groups are triorganosilyl groups.

20. (Previously Presented) A silicon-containing polymer according to claim 19, wherein said triorganosilyl groups include photosensitive crosslinkable groups.

21. (Currently Amended) A silicon-containing polymer copolymer according to any one of claims 18 to 20, where  $R^2$  is  $-(CH_2)_a-$  and a is an integer of 1-10.